

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) ~~Device~~ A device for introducing ~~gases~~ a gas into a hot medium, ~~whereby device (1) contains comprising~~ a pipe (2) ~~for introducing gas~~ and a cooling jacket (3) that encases said pipe (2), wherein the surface of the pipe and/or cooling jacket that is in contact with the gas that is to be introduced is platinum or a platinum alloy.
2. (Currently Amended) ~~Device~~ A device according to claim 1, ~~whereby~~ wherein the cooling jacket (3) encases the pipe (2) up to its orifice (2a).
3. (Currently Amended) ~~Device~~ A device according to claim 1, ~~whereby the~~ wherein a coolant ~~for~~ is present in the cooling jacket (3) ~~is~~ wherein said coolant is a gas or a gas mixture, an oil or an oil mixture, a silicone oil or a silicone oil mixture, water or an aqueous solution.
4. (Currently Amended) ~~Device~~ A device according to claim 1, wherein the gas that is introduced is chlorine gas or a mixture of ~~chlorine gas and other gases~~ containing chlorine gas.
5. (Cancelled)
6. (Currently Amended) ~~Device~~ A device according to claim 1, ~~whereby~~ wherein the hot medium, in which the gas is introduced, is melted glass.
7. (Currently Amended) ~~Device~~ A device according to claim 1, ~~whereby~~ wherein the ~~container is~~ hot medium is in a glass-melting tank, ~~a lower part thereof~~ or in a crucible.

8. (Currently Amended) ~~Process A~~ process for introducing ~~gases~~ a gas into a hot medium, ~~whereby comprising passing the gas is introduced into a the~~ hot medium via a device ~~(1) that contains a pipe (2) and a cooling jacket (3) that encases pipe (2) according to claim 1.~~

9. (Currently Amended) ~~Process A~~ process according to claim 8, ~~whereby wherein~~ the cooling jacket (3) encases the pipe (2) up to its orifice (2a).

10. (Currently Amended) ~~Process A~~ process according to claim 8, ~~whereby wherein~~ the cooling jacket (3) is cooled with water or an aqueous solution.

11. (Currently Amended) ~~Process A~~ process according to claim 8, ~~whereby as a~~ wherein the gas, is chlorine gas or a mixture of gases containing chlorine gas ~~and other gases is introduced.~~

12. (Currently Amended) ~~Process A~~ process according to claim 8, ~~whereby wherein~~ the gas is introduced into hot medium is melted glass.

13. (Currently Amended) ~~Process A~~ process according to claim 8, ~~whereby wherein~~ the gas is introduced into a glass-melting tank, ~~a lower part thereof or into a crucible and is used in refining parts as well as conditioning parts.~~

14. (Currently Amended) ~~Process A~~ process according to claim 8, ~~whereby wherein~~ the process is performed continuously.

15. (Cancelled)

16. (New) A device according to claim 1, wherein the pipe is made of steel and has a platinum or platinum alloy layer on the surface that is to be in contact with the gas that is to be introduced.

17. (New) A device according to claim 1, wherein the pipe is made of a plastic with fluorine content and has a platinum or platinum alloy layer on the surface that is to be in contact with the gas that is to be introduced.

18. (New) A device according to claim 1, wherein the pipe is made of a material other than platinum or a platinum alloy and has a platinum or platinum alloy layer on the surface that is to be in contact with the gas that is to be introduced.

19. (New) A method for preparing a laser glass comprising introducing a gas into a glass melt from which the laser glass is to be produced through a device which is in accord to claim 1.

20. (New) A method according to claim 19, wherein the method is performed continuously.

21. (New) A method according to claim 19, wherein the gas is chlorine gas or a mixture of gases containing chlorine gas.

22. (New) A method according to claim 19, wherein the pipe is made of steel and has a platinum or platinum alloy layer on the surface that is to be in contact with the gas that is to be introduced.